

Converting Colors

XYZ(11.4262, 14.4274, 20.7253)

Have a look what the booklet for
XYZ(11.4262, 14.4274, 20.7253)
contains.

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Color

**XYZ(11.3936, 14.4004,
20.5914)**

Conversions

Conversions Part 1

Format	Color
Hex	3C727A
RGB	60, 114, 122
RGB Percent	24%, 45%, 48%
CMY	0.7647, 0.5529, 0.5216
CMYK	0.51, 0.07, 0.00, 0.52
HSL	188°, 34%, 36%
HSV	188°, 51%, 48%
XYZ	11.3936, 14.4004, 20.5914
YIQ	98.7660, -34.7520, -8.9600

Conversions

Conversions Part 2

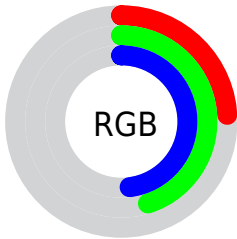
Format	Color
R_{YB}	60, 89, 122
Decimal	3961466
CIE _{Lab}	44.80, -15.54, -9.97
CIE _{LCh}	45, 18.464, 212.675
Yxy	14.4004, 0.2456, 0.3105
Android (android.graphics.Color)	4282151546 (0xFF3C727A)
YUV	98.7660, 11.4544, -33.9978
Hunter-Lab	37.9479, -12.8153, -5.6086

Details


The XYZ color **11.3936, 14.4004, 20.5914** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.9090, 8.5983, 5.3599**, and the grayscale version is **11.7796, 12.3931, 13.4960**.

A 20% lighter version of the original color is **27.9583, 33.7732, 45.0897**, and **3.1508, 4.3775, 6.9822** is the 20% darker color. If you saturate the color by 10%, you get **10.5640, 13.7117, 20.5025**, and if you desaturate by 10%, it is **12.3971, 15.1839, 20.6900**.

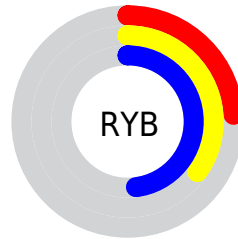
Distribution



 Red (24%)

 Green (45%)

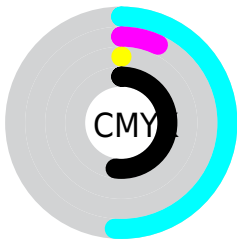
 Blue (48%)





 Red (24%)

 Yellow (35%)

 Blue (48%)

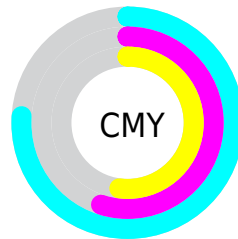


 Cyan (51%)


 Magenta (7%)

 Yellow (0%)

 Black (52%)



 Cyan (76%)

 Magenta (55%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3936, 14.4004, 20.5914 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 11.3936, 14.4004, 20.5914 by changing the saturation by 10% instead.

■ 11.3936, 14.4004,
20.5914

■ 11.3936, 14.4004,
20.5914

■ 194.2014,
219.7077, 267.8083

■ 6.4015, 8.3997,
12.6373

■ 28.0123, 33.7978,
45.2784

■ 3.1337, 4.3517,
7.0515

■ 40.3695, 47.9633,
62.8485

■ 1.2248, 1.8722,
3.4154

■ 55.9126, 65.6191,
84.4610

■ 0.1258, 0.5316,
1.3105

■ 75.0067, 87.1497,
110.5344

■ 0.0000, 0.0000,
0.0703

■ 98.0173, 112.9395,
141.4873

■ 0.0000, 0.0000,
0.0000

■ 125.3097,

143.3728, 177.7382

157.2493,
178.8341, 219.7057

■ 11.3936, 14.4004,
20.5914

■ 11.3936, 14.4004,
20.5914

■ 10.5640, 13.7117,
20.5025

■ 12.3971, 15.1839,
20.6900

■ 9.8952, 13.1101,
20.4216

■ 13.5839, 16.0662,
20.7977

■ 9.3741, 12.5892,
20.3485

■ 14.9644, 17.0528,
20.9154

■ 8.9852, 12.1409,
20.2825

■ 16.5477, 18.1486,
21.0435

■ 8.6938, 11.7670,
20.2257

■ 18.3422, 19.3579,
21.1823

■ 20.3562, 20.6850,
21.3323

■ 22.5972, 22.1338,
21.4939

■ 25.0725, 23.7081,
21.6673

■ 27.7890, 25.4115,
21.8529

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.9960, 14.4004, 16.0695



11.3936, 14.4004, 20.5914



12.4017, 14.4004, 24.2522

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.3936, 14.4004, 20.5914



16.4215, 14.4004, 19.7985



13.5526, 14.4004, 8.7742

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.3936, 14.4004, 20.5914



10.9090, 8.5983, 5.3599

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.0585, 14.4004, 9.4106



11.3936, 14.4004, 20.5914



16.7851, 14.4004, 15.2960

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.3936, 14.4004, 20.5914



15.3091, 14.4004, 23.7386



16.2695, 14.4004, 11.6185



12.1840, 14.4004, 9.6885

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.3936, 14.4004, 20.5914



13.3216, 14.4004, 25.4163



16.2695, 14.4004, 11.6185



14.0593, 14.4004, 8.8140

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.3940, 14.4010, 20.5917



27.8012, 31.0282, 36.9167



9.8434, 15.2881, 7.7794



6.2501, 7.0207, 8.4324



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.3940, 14.4010, 20.5917



18.3716, 23.9376, 36.0450



8.5289, 8.6706, 19.6367



4.0651, 4.4285, 5.0837



9.1489, 12.3803, 21.2927



43.2038, 58.1802, 101.4226

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12.6795, 8.5845, 16.9089



20.9861, 12.7522, 28.4100



13.2315, 13.2432, 6.1341



4.1333, 4.0690, 4.8996



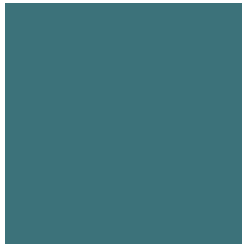
11.2013, 5.4567, 14.8828



53.2104, 25.9405, 69.8293

Previews

White Background



This preview shows how the XYZ color 11.3936, 14.4004, 20.5914 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 11.3936, 14.4004, 20.5914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

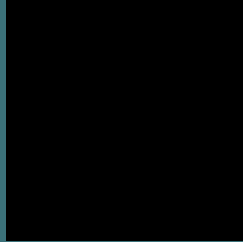
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3936, 14.4004, 20.5914

Background



This preview shows how black text looks on a background with the XYZ color 11.3936, 14.4004, 20.5914.



This preview shows how white text looks on a background with the XYZ color 11.3936, 14.4004,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.3936, 14.4004, 20.5914

Protanopia

13.9129, 14.3072, 18.5513

Deuteranopia

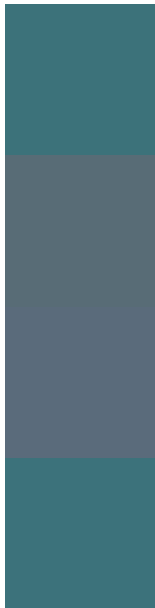
14.5517, 14.2815, 21.0584



Tritanopia

11.4559, 14.4253, 20.9195

Trichromacy



Original Color

11.3936, 14.4004, 20.5914

Protanomaly

12.6571, 14.1078, 19.1955

Deuteranomaly

13.0493, 14.1191, 20.7764

Tritanomaly

11.4559, 14.4253, 20.9195

Monochromacy



Original Color

11.3936, 14.4004, 20.5914

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.3505, 12.8935, 15.8004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3936, 14.4004, 20.5914 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(60, 114, 122) looks like.

```
.text, #text, p{  
    color:rgb(60, 114, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(60, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 114, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.3936, 14.4004, 20.5914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(60, 114, 122) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(60, 114, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(60, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(60, 114,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3936, 14.4004, 20.5914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 114, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(60, 114,  
122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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